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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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/DH/	AP	Yasuhiro ITO et al., Terrestrial Digital Te	"Adaptive Weighter Broad	ghted Code casting", IT	Division Multiple Technical Re	lexing ( port Vo	AW-CDN I. 17, No	/l) Transmissio . 13, pp 27-32,	n System for February 25	, 1993	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop this form with next communication to applicant.

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$\mathcal{D}$	74	AA	3,824,548	7-16-74	Sullivan et al.						
		АВ	3,959,726	5-25-76	Hinoshita et al.						
		AC	4,303,939	12-1-81	Stephens et al.						
		AD	4,303,941	12-1-81	Marti et al.						
		AE	4,309,726	1-5-82	Tanaka et al.						
		AF	4,535,352	8-85	Haskell						
		AG	4,564,858	1-14-86	Resch	Resch					
		АН	4,581,639	4-8-86	Judge	Judge					
		Al	4,769,819	9-6-88	Matsutani et al.	Matsutani et al.					
		AJ	4,794,447	12-27-88	Tsinberg	Tsinberg					
		AK	4,817,192	3-28-89	Phillips et al.						
		AL	5,029,003	7-91	Jonnalagadda						
		AM	5,134,464	7-28-92	Basile et al.						
		AN	5,400,084	3-21-95	Scarpa			·			
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DH-	AA	5,181,112	1-19-93	Citta et al.					
	AB	5,377,051	12-27-94	Lane et al.					
	AC	5,576,902	11-19-96	Lane et al.					
	AD	5,218,622	6-8-93	Fazel et al.					
	AE	5,598,220	1-97	Citta et al.					
	AF	5,802,241	9-1-98	Oshima					
	AG	5,007,088	4-9-91	Ooi et al.					
	АН	5,214,656	5-25-93	Chung et al.	Chung et al.				
DH	Al	5,170,413	12-8-92	Hess et al.					
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	АВ	5,038,402	8-6-91	Robbins					
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	AF	5,999,569	12-7-99	Oshima					
	AG	5,892,879	4-6-99	Oshima		~			
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D14	AM	2-218279	8-30-90	Japan				abstract	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop. this form with next communication to applicant.

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744	АР	B. Hirosaki, "An Orth Transactions on Con	ogonally Multin nmunications, \	olexed QAM System Using Vol. Com-29, No. 7, July 1	the Dis 981, pag	crete Fo ges 982-	ourier Transform 989	ı", IEEE	
DH	AQ	L. J. Cimini, Jr., "Ana Multiplexing", IEEE T	llysis and Simu ransactions or	lation of a Digital Mobile Conmunications, Vol. Co	Channel om-33, N	Using O lo. 7, Ju	rthogonal Frequ ly 1985, pages	Jency Division 665-675 and	on d Annex
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Sheet 1 of 1 INFORMATION DISCLOSURE STATEMENT FORM PTO 1449 (modified) ATTY DOCKET NO. SERIAL NO. DEC 1 9 2005 2000\_1327 09/672,948 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE APPLICANT Mitsuaki OSHIMA et al. LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary ) GROUP **FILING DATE** 2534 2611 Date Submitted to PTO: December 19, 2005 September 29, 2000 **U.S. PATENT DOCUMENTS** DOCUMENT CLASS SUBCLASS FILING DATE IF \*EXAMINER DATE NAME INITIAL NUMBER **APPROPRIATE** DH AA 4,597,090 6-24-86 Forney, Jr. AB 4,077,021 2-28-78 Csajka et al. AC 2005/0084750 4 21 05 Wang ot al. <del>2005/0058033</del> AD <del>3-17-05</del> Epstein et al: 2005/0922922 AF Jasinski et al. 4,918,437 4-17-90 AG 5,023,889 6-11-91 Divsalar et al. AH 5.063.452 11-5-91 Higurashi ΑI 5,124,852 6-23-92 Suwa et al. AJ 5,136,380 8-4-92 Cho AK 5.146.335 9-8-92 Kim et al. AL 5,148,422 9-15-92 Sako et al. AM 5,218,436 6-8-93 Sugiyama et al. FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS SUBCLASS **TRANSLATION** NUMBER YES NO AN 2627574 7-21-04 CN AO 1529838 5-11-05 EP abstract ŊΉ AP 1499725 5-26-04 CN only abstract AQ 2004-159207 6-3-04 JΡ corresponds to AP 174 AR 1528854 5-11-05 EP only abstract DH AS 52118 12-16-02 UA only abstract D44 AT 1569334 1-26-05 CN x OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) AU 20/06 **EXAMINER** DATE CONSIDERED 01

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		AO	Shinji Matsumot Japan Telecomn								and 5 GHz	Bands*,
AP M. Pecot et al., "Compatible ( Image Communication, Octob							Compa	itible S	ystem",	, Signal Proc	cessing	
AQ Mitsuaki Oshima, "Constella			3, "Constellation	on-Code Divisi	ion Multiplex fo	or Digita	HDTV	", IEEE	, 1992,	pages 108	6-1092.	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		AB	4,525,846	6-25-85	Bremer et al.					
		AC	4,751,478	6-14-88	Yoshida					
		AD	4,891,806	1-2-90	Farias et al.					
		AE	4,903,125	2-20-90	Parker					
		AF	4,937,844	6-26-90	Као					
		AG	5,164,963	11-17-92	Lawrence et al.					
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY DOCKET 2000_1327			SERIAL NEW	NO.	9/4	2750	448
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		AJ	53-137657	12-1-78	<u></u>	P .	-		1		x	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 4 of 6			9								
FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE			ATTY DOCKET NO. 2000_1327	2000_1327 · NEW 69101799							
PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S)			APPLICANT Mitsuaki OSHIMA et al.						·		
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1	AC	5,291,289	3-1-94	Hulyalkar et al.							
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	AK	0485108A2	5-13-92	Europe					~		
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE				ATTY DOCKET 2000_132			SERIAL NEW	. NO. O	672	948			
PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S)			APPLICANT Mitsuaki OSHIMA et al.										
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ZŽ.	ΔQ	English Language Abstract of European Patent No. 93 30 7575											
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 6 of 6												
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.